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Certificate of Analysis

Product Name		Leucoson	CAS No.	1950-36-3
Batch No.		LKJ-20230428	Date of Manufacture	2023.04.28
Quantity		10.0 Kg	Re-test Date	2025.04.27
Date of Test		2023.05.16	Packing	5kg/Drum
No.	Parameter	Specification		Result
1	Description	White powder		White powder
2	Solubility	Easily soluble in dimethylformamide, slightly soluble in acetonitrile, and almost insoluble in water.		Complies
3	Melting point	158°C~162°C		159°C~161°C
Identification				
4	By IR	The infrared absorption spectrum should be consistent with the control spectrum (spectrum set 955)		Complies
	By HPLC	The retention time of the major peak in sample chromatogram shall match with retention time of main peak in standard chromatogram obtained from Assay by HPLC.		Complies
5	Related substances	Maximum unknown single impurity ≤0.2%		0.03%
		Total impurities ≤0.5%		0.05%
6	Residual solvents	Ethyl formate ≤0.5%		0.02%
		Ethanol ≤0.5%		0.12%
7	Loss on drying	Not more than 3.0 %		Complies
8	Heavy metals	Not more than 20 ppm		Conforme
9	Residue on ignition	Not more than 0.01%		Conforme
10	Assay (On anhydrous basis)	The content of C ₁₄ H ₁₇ NO ₄ S should be 98.0%~102.0%		100.2%
Conclusion		The above product was tested according to the "Leucoson Quality Standard" (WS-10001-(HD-0427)-2002-2022), and the results are in compliance with the specifications.		

Analyzed by:

Reviewed by:

Approved by:

